

Title (en)
Method of assembly of a heat Exchanger

Title (de)
Montageverfahren für Wärmetauscher

Title (fr)
Procédé d'assemblage pour échangeur thermique

Publication
EP 2434245 B1 20130529 (EN)

Application
EP 10181160 A 20100928

Priority
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Abstract (en)
[origin: EP2434245A1] Method of assembling a tank (14) and a header plate (16) of a heat exchanger (10) comprising the steps of providing a tank (14) with an outer peripheral foot portion (32) and a header plate (16) having edges with a plurality of tabs (50) extending towards the tank (14), providing each transverse wall (24) of the tank (14) with at least one positioning extension (60) and providing each transverse edge (56) of the header plate (16) with a pair of positioning tabs (64, 66) for complementary engagement them with a corresponding tank's extension (60), pressing the header plate (16) onto the tank (14) such that they are interlocked in a transverse direction (T) by positioning the extensions (60) in-between said positioning tabs, and clinching the tabs (50) inwardly over the foot portion (32) of the tank opening (30).

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Cited by
FR3082927A1; CN105806139A; JP2012088011A; JPWO2017026210A1; WO2019175433A1; WO2017026210A1; US10436526B2; DE102013227113A1; JP2019168200A

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